

NF- κ B

FIG. 1 (a)

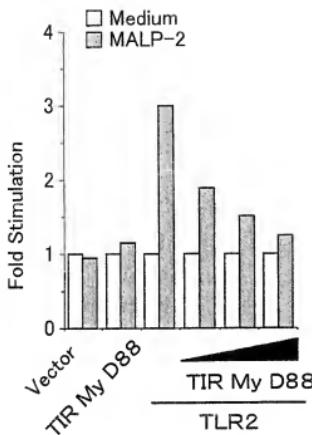


FIG. 1 (b)

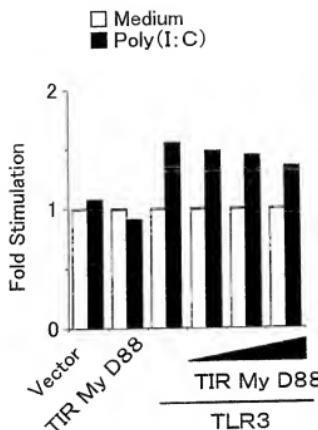


FIG. 1 (c)

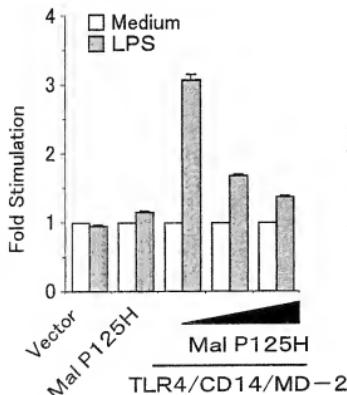
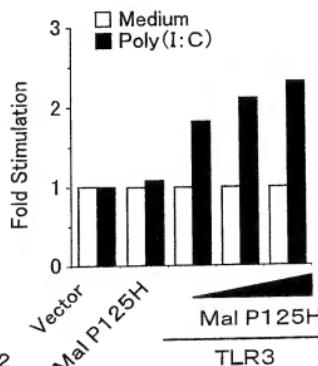


FIG. 1 (d)



Interferon β

FIG. 2 (a)

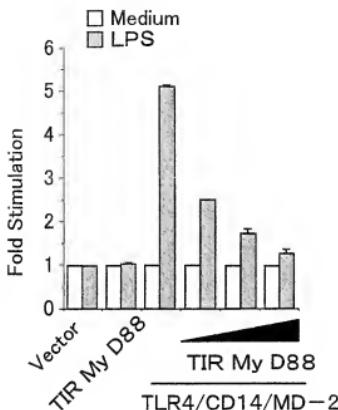


FIG. 2 (b)

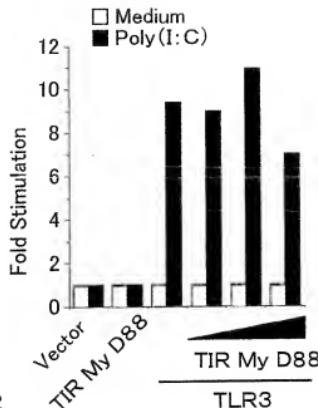


FIG. 2 (c)

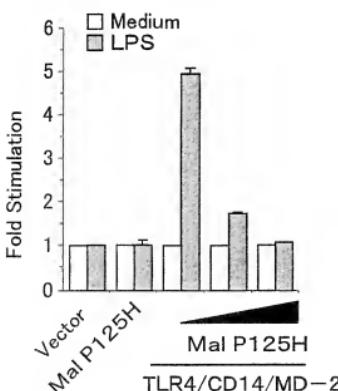
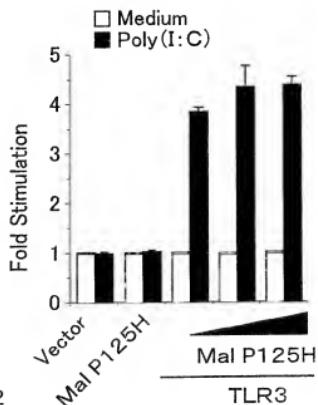


FIG. 2 (d)



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FIG. 3 (a)

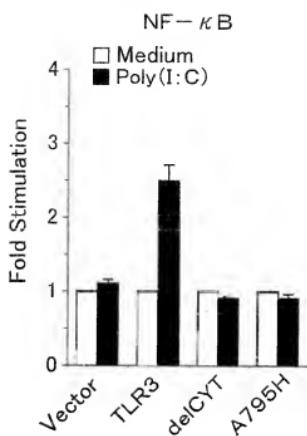


FIG. 3 (b)

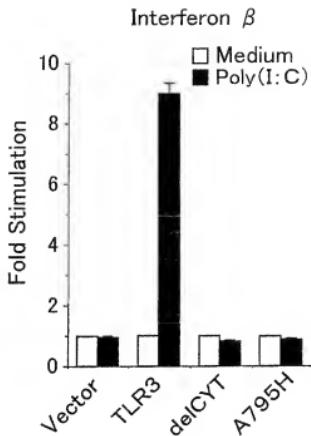
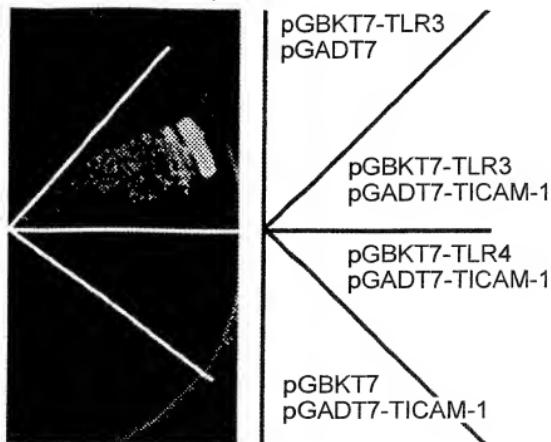


FIG. 4

SD-Trp-Leu-His-Ade plate



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FIG. 5

FIG. 6

FIG. 6 illustrates a sequence alignment of T1CAM-1, T1CAM-1, Ma, and MyD88 proteins across four boxes (BOX1, BOX2, BOX3, and a bottom sequence). The alignment shows conserved regions and specific mutations.

Sequence 1 (T1CAM-1 (TIR).hu):

BOX1: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

BOX2: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Bottom: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Sequence 2 (T1CAM-1 (TIR).mu):

BOX1: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

BOX2: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Bottom: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Sequence 3 (Ma (TIR).hu):

BOX1: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

BOX2: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Bottom: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Sequence 4 (MyD88 (TIR).hu):

BOX1: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

BOX2: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Bottom: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Sequence 5 (Bottom):

BOX1: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

BOX2: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Bottom: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Sequence 6 (T1CAM-1 (TIR).mu):

BOX1: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

BOX2: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Bottom: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Sequence 7 (Ma (TIR).hu):

BOX1: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

BOX2: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Bottom: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Sequence 8 (MyD88 (TIR).hu):

BOX1: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

BOX2: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

Bottom: T1CAM-1 (TIR).hu
T1CAM-1 (TIR).mu
Ma (TIR).hu
MyD88 (TIR).hu

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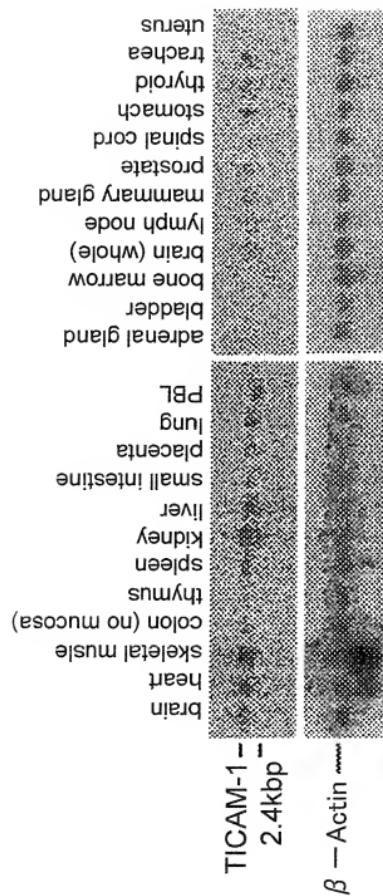
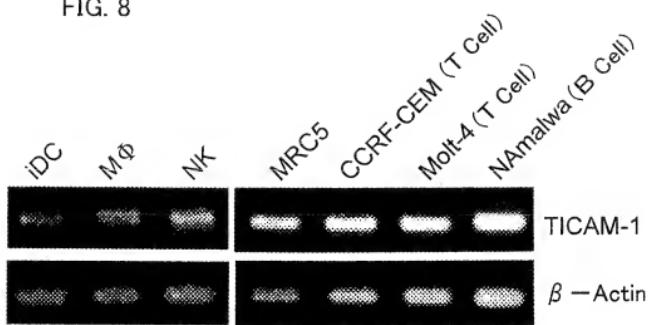


FIG. 7

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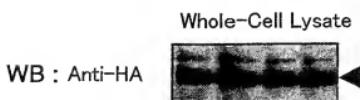
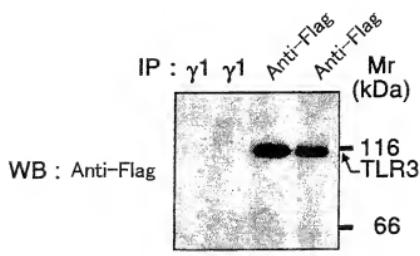
FIG. 8



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FIG. 9

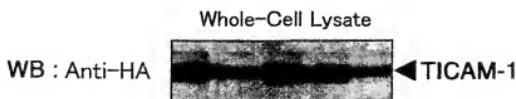
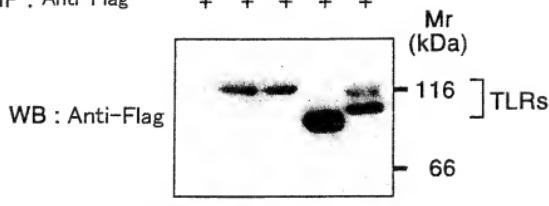
Lanes	1	2	3	4
TLR3-Flag	+	+	+	+
TICAM-1-HA	+	+	+	+
poly(I:C)	-	+	-	+



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FIG. 10

Lanes	1	2	3	4	5
TLR3-Flag	-	+	-	-	-
TLR3A795H-Flag	-	-	+	-	-
Flag-TLR2	-	-	-	+	-
Flag-TLR4	-	-	-	-	+
MD-2	-	-	-	-	+
TICAM-1-HA	+	+	+	+	+
IP : Anti-Flag	+	+	+	+	+



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FIG. 11

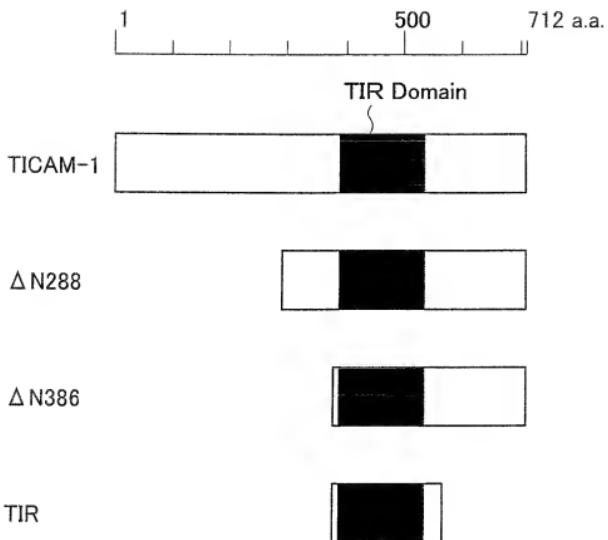


FIG. 12 (a)

Interferon β

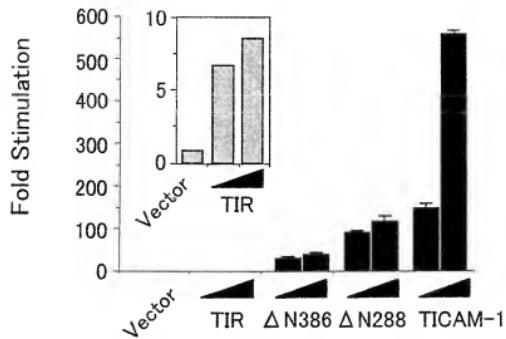
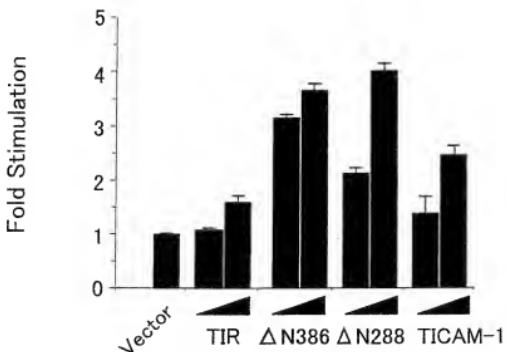


FIG. 12 (b)

NF- κ B



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FIG. 13 (a)

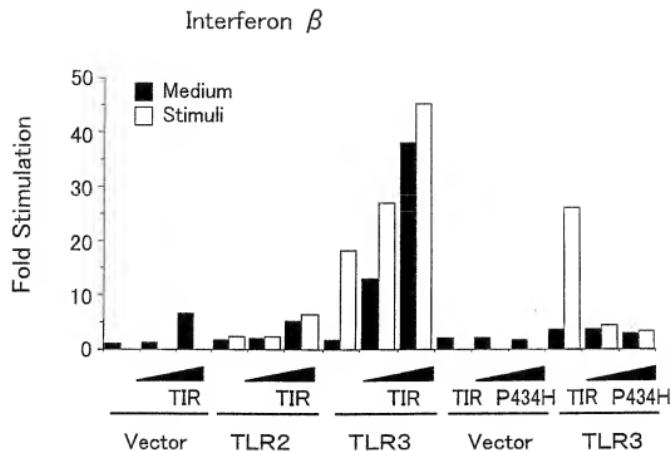


FIG. 13 (b)

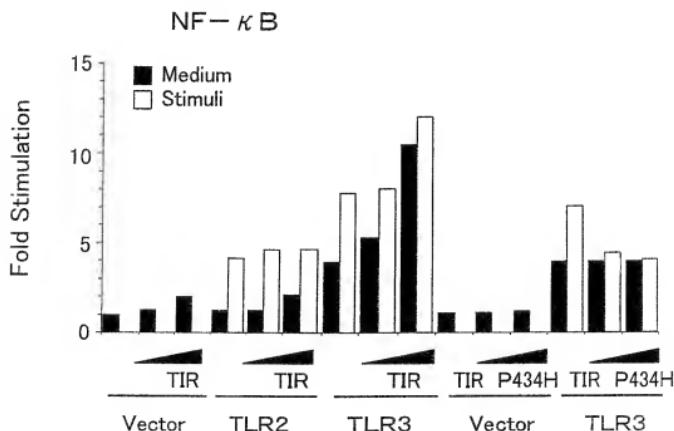


FIG. 14 (a)

Interferon β

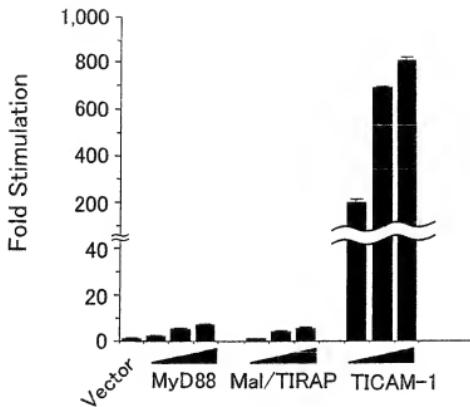
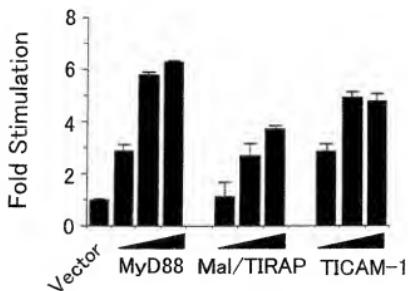


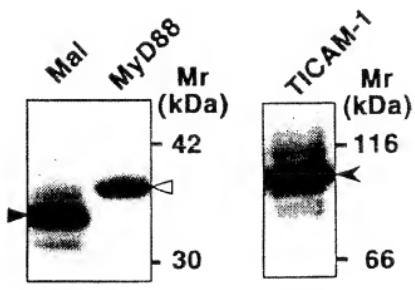
FIG. 14 (b)

NF- κ B



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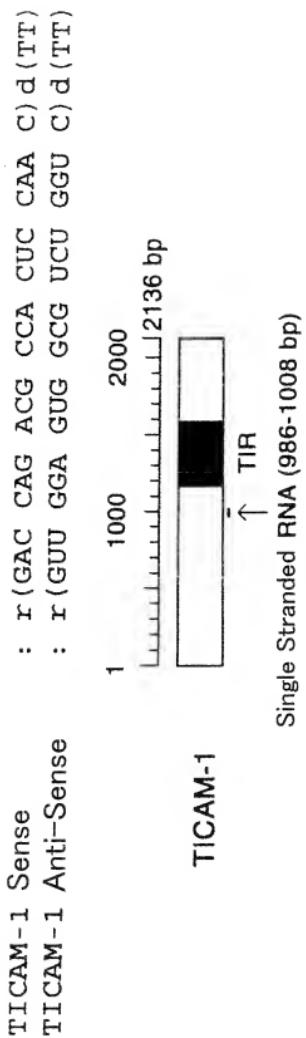
FIG. 15



WB : Anti-HA

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FIG. 16



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FIG. 17 (a)

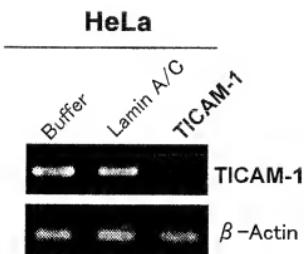


FIG. 17 (b)

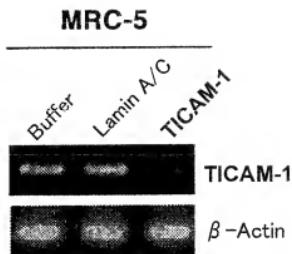


FIG. 18 (a)

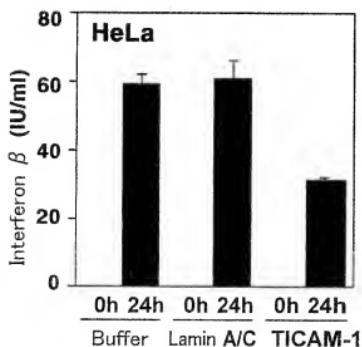


FIG. 18 (b)

